

1 WHAT IS CLAIMED IS:

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3 <sup>5th</sup> 1. A system for managing communications information,  
4 <sup>AI</sup> comprising:

5 a recorder for recording and storing messages from incoming  
6 communications;

7 a processor for determining communication origination  
8 identification data for said incoming communications;

9 a display for displaying a record of incoming communications,  
10 each of said records having said origination identification data for one of said  
11 incoming communications and indicating the presence of a recorded message  
12 on said recorder for each of said incoming communications; and,

13 a selector for selecting from said display which of said records to  
14 access for recorded message playback, said selector being able to select any of  
15 said records regardless of the sequence of said records, with selection of said  
16 record causing playback of a corresponding recorded message.

17

18 2. A system for managing communications information according to  
19 claim 1 wherein said display comprises a screen.

20 3. A system for managing call information according to claim 2  
21 wherein said records are displayed as rows on said screen.

22 4. A system for managing communications information according to  
23 claim 2 wherein said display comprises a touch screen, and wherein said  
24 selector comprises a detector for detecting which portion of said screen is being  
25 touched whereby one of said records being displayed may be selected by  
26 touching a corresponding portion of said screen.

27 5. A system for managing communications information according to  
28 claim 1 wherein the system further comprises a scroll control for scrolling  
29 through said records.

1           6.     A system for managing communications information according to  
2 claim 1 wherein the system further comprises at least a first port for connecting  
3 to a communications line.

4           7.     A system for managing communications information according to  
5 claim 1 wherein the system further comprises a first port for connecting to a  
6 communications line and a second port for connecting to a communications  
7 device.

8           8.     A system for managing communications information according to  
9 claim 1 wherein said record further comprises time of said incoming  
10 communications.

11          9.     A system for managing communications information according to  
12 claim 1 wherein each of said records is displayed as a row across said display,  
13 with each record divided into a plurality of fields arranged in columns.

14          10.    A system for managing communications information according to  
15 claim 9 wherein said record further comprises a time of occurrence of said  
16 communications, and wherein one of said plurality of rows comprises an  
17 identity field, one of said rows comprises a time of communications field, and  
18 one of said rows comprises a recorded message indicator field.

19  
20          11.    A system for managing call information comprising:  
21                  a recorder for recording and storing audio messages from  
22 incoming calls;  
23                  a processor for determining caller identification for incoming  
24 calls and call reception time;  
25                  a display touch screen for displaying a plurality of records of  
26 incoming calls, each of said records having said caller identification for said  
27 incoming call, reception time for said call, and indicating the presence of a  
28 recorded audio message on said recorder for each of said incoming calls, said  
29 records displayed as rows across said display screen, with each of said rows

1 having a plurality of fields, said fields comprising a time of reception field, a  
2 caller identification field, and a recorded message indicator field;

3 a scroll control for causing said displayed records to scroll on  
4 said display; and,

5 a detector for detecting which portion of said touch screen is  
6 being touched wherein touching of said screen portion causing selection of a  
7 record being displayed proximate said screen portion, with any of said records  
8 able to be selected regardless of the sequence of said records, and wherein  
9 selection of said record causes playback of a corresponding recorded audio  
10 message from said recorder.

11  
12 12. A method for managing communications information comprising  
13 the steps of:

14 receiving a plurality of incoming communications;

15 determining communications origination identity for each of said  
16 plurality of incoming communications;

17 recording a message for at least one of said plurality of incoming  
18 communications with a recorder;

19 creating a communications record for each of said plurality of  
20 communications, each of said records comprising said communications  
21 origination identity for one of said plurality of communications and an  
22 indication of the existence of a recorded message for said one communications;

23 displaying a plurality of said records on a display, said display  
24 having a selector for selecting any of said records; and,

25 responding to selection of one of said records by playing said  
26 recorded message corresponding to said record from said recorder.

27  
28 13. A method for managing communications information according  
29 to claim 12 wherein said display comprises a touch screen, and wherein said  
30 selector comprises a detector for detecting which portion of said screen is being

1 touched whereby any one of said records being displayed regardless of  
2 sequence may be selected by touching a corresponding portion of said screen.

3 14. A method for managing communications information according  
4 to claim 13 wherein said records are displayed as rows on said screen.

5 15. A method for managing communications information according  
6 to claim 12 wherein said display has a scroll control, and wherein the method  
7 further comprises a step of responding to manipulation of said scroll control by  
8 scrolling through said records.

9 16. A method for managing communications information according  
10 to claim 12 wherein said method further comprises determining a time of  
11 occurrence of each of said plurality of communications and wherein said  
12 records further comprise said time of occurrence.

13 17. A method for managing communications information according  
14 to claim 12 wherein said step of displaying said records on said display  
15 comprises displaying each of said records as a row across said display, and  
16 dividing each record into a plurality of fields arranged in columns.

17 18. A method for managing communications information according  
18 to claim 17 wherein one of said plurality of columns comprises an origination  
19 identity field, one of said columns comprises a time of communications field,  
20 and one of said columns comprises a recorded message indicator field.

21  
22 19. A method for managing call information comprising the steps of:  
23 receiving a plurality of incoming calls;  
24 recording an audio message from at least one of said incoming  
25 calls;  
26 determining caller identification for each of said calls;  
27 determining a time of occurrence for each of said calls;

1 creating a call record for each of said calls, said call record  
2 comprising said caller identification, time of reception, and an indication of the  
3 existence of a recorded message for each of said calls;

4 displaying a plurality of said records on a touch screen display,  
5 each of said records displayed as a row across said display, each row having a  
6 time of call reception field for displaying said time of reception, a caller  
7 identification field for displaying said caller identification, and a message  
8 indicator field for displaying said indication of the existence of a recorded  
9 message;

10 scrolling said displayed records in response to manipulation of a  
11 display scroll control;

12 detecting the selection of one of said records upon the touching of  
13 a portion of said touch screen corresponding to said one record; and,

14 playing said recorded message for said selected one record.

15  
16 20. A computer program product for causing a communications  
17 information management system to manage communications data, the program  
18 product comprising a computer usable medium having computer readable  
19 program code embodied in the medium that when executed by a processor  
20 causes the management system to:

21 receive a plurality of incoming communications;

22 determine communications origination identity data for each of  
23 said plurality of communications;

24 record a message for at least one of said plurality of  
25 communications;

26 determine a time of occurrence for each of said communications;

27 create a communications record for each of said plurality of  
28 communications, said record comprising said identity data for each of said  
29 plurality of communications, a time of occurrence for said communications,  
30 and an indication of the existence of a recorded message for said record;

respond to selection of one of said records by playing said recorded message corresponding to said record.

said display comprises a touch screen display and said selector comprises a detector for detecting which portion of said screen is being touched, with a record displayed proximate to said touched portion of said screen thereby selected; and

said records are displayed as rows across said display, each row having a time of communication reception field for displaying said time of reception, an identification field for displaying said identification data, and a message indicator field for displaying said indication of the existence of a recorded message.